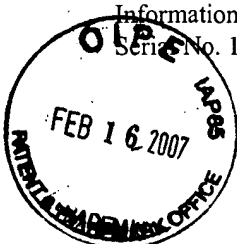


1FW 1614



Information Disclosure Statement  
Serial No. 10/588,052

PATENT

Attorney Docket No.: 44352-0011-00-US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Patent Application of : Group Art Unit: 1614  
Do-Man Kim et al. : Examiner: Not Yet Assigned  
Serial No: 10/588,052 :  
Filing Date: July 31, 2006 :  
For: PROTEIN WITH ACTIVITY OF HYDROLYZING AMYLOPECTION,  
STARCH, GLYCOGEN AND AMYLOSE, GENE ENCODING THE SAME, CELL  
EXPRESSING THE SAME, AND PRODUCTION METHOD THEREOF:

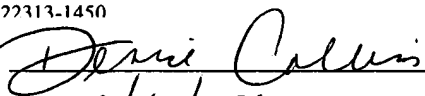
**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, submitted herewith are copies of the references listed in the accompanying Form PTO-1449, except for any US patents and published US patent applications which may be listed.

The Examiner is respectfully requested to review the items listed on the attached form and make them of record in the instant application as required by M.P.E.P. §609. It is requested that the Examiner initial the enclosed duplicate Form 1449, and return one copy to the undersigned.

<b>CERTIFICATE OF MAILING</b> <b>UNDER 37 C.F.R. 1.8(a)</b>	
I hereby certify that this paper, along with any paper referred to as being attached or enclosed, is being deposited with the United States Postal Service on the date indicated below, with sufficient postage, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450	
BY:	
DATE:	2/13/07

Also enclosed herewith are copies of the references listed on the PTO Form 1449 filed on July 31, 2006:

WO 2003/018790 A1

WO 2001/066570 A1

KIM, D. M., et al., "Characterization of a novel carbohydrase from *Lipomyces starkeyi* KSM22 for dental application", In: J. Microbiol. Biotechnol., 1999, Vol. 9(3), pp. 260-264.

RYU, S. J., et al., "Purification and partial characterization of a novel glucanhydrolase from *Lipomyces starkeyi* KSM22 and its use for inhibition of insoluble glucan formation", In: Biosci. Biotechnol. Biochem., 2000, Vol. 64(2), pp. 223-228.

KANG, K. H., et al., "Cloning and expression of *Lipomyces starkeyi* alpha-amylase in *Escherichia coli* and determination of some of its properties", In: FEMS Microbiol. Lett., April 2004, Vol. 233(1), pp. 53-64.

This Statement should not be construed as a representation that the cited references are material.

This Statement is being submitted before receipt of any office action on the merits. Thus, no fee is due for the filing of this paper. However, if a fee is due, please charge deposit account 50-0573.

Respectfully submitted,  
DO-MAN KIM ET AL.

BY



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SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
44352-0011-00-US

APPLICATION NO.  
10/588,052

**INFORMATION DISCLOSURE STATEMENT**  
FEB 16 2007

APPLICANT:  
Do-Man Kim et al.

FILING DATE  
July 31, 2006

GROUP ART UNIT  
1614

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	AA	6,485,953	11/26/2002	Kim et al.	435	202	
	AB	5,741,773	04/21/1998	Zhang et al.	514	8	
	AC	5,229,277	07/20/1993	Day et al.	435	103	

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	AD	1020010006792 A	01/26/2001	Korea			Abstract only	
	AE	1020030022428 A	03/17/2003	Korea			Abstract only	

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	AA	6,485,953	11/26/2002	Kim et al.	435	202	
	AB	5,741,773	04/21/1998	Zhang et al.	514	8	
	AC	5,229,277	07/20/1993	Day et al.	435	103	

[illegible][illegible]

**DATE CONSIDERED**

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